GOVERNMENT OF INDIA
PETROLEUM AND NATURAL GAS
LOK SABHA

UNSTARRED QUESTION NO:779
ANSWERED ON:27.07.2000
EMMISSION OF METHANE GAS FROM CNG VEHICLE
PRABHUNATH SINGH

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether Methane Gas emitted by CNG vehicles is dangerous for human beings;

(b) if so, the steps taken or proposed to be taken to reduce the emission of Methane Gas from CNG vehicles;

(c) whether Ultra Low Sulphur Diesel has been considered to be a better option than CNG; and

(d) if so, the details thereof

Answer

Minister of State in the Ministry of Petroleum & Natural Gas:

(Shri Santosh Kumar Gangwar)

(a) & (b) Quantum of methane emitted by vehicles using Compressed Natural Gas (CNG) as a fuel are likely to be very negligible and no imminent danger is posed to human life, therefore.

(c) & (d) Both the fuels, that is Ultra Low Sulphur Diesel and CNG result in lower gaseous emissions from vehicles and a choice between them would depend upon several parameters such as fuel cost, fuel economy, vehicle modification costs, storage space requirements, refueling systems and engine performance.